

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-09-28 11:48:16
Date of Next Testing: 2026-09-27 11:48:16
Product Name: **Nickel oxide**
CAS Number: 1313-99-1
Specifications & Purity: 99.5%metals basis, < 30nm
Lot #: I2224552
SKU #: **N140976**
Analysis: **113612**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Total Metallic Impuritie	0-5000 (ppm)	816.00 ppm
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.92 %
Average Particle Size(TEM)	0-30 (nm)	17.14000 nm
Assay(Ni)(With Dimethylglyoxime)	76.2-81 (%)	80.89 %
Appearance (N140976)	dark green to black powder	dark green to black powder
ICP: Confirms Nickel Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager